

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES  
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Canceled)
2. (Currently amended) The method of claim ~~[[1]]~~ 5, wherein at least a segment of the binary code representing the sequence of control commands is compressed.
3. (Canceled)
4. (Currently amended) The method of claim ~~[[3]]~~ 5, wherein the encrypted binary code includes a usage limitation that limits usage of the sequence of control commands.
5. (Currently amended) ~~The A method of claim 3 for programming a programmable industrial controller, comprising the steps of:~~  
automatically coding into a binary code an original sequence of control commands capable of being interpreted and executed by the controller;  
supplying the binary code to the controller; and  
reconstructing the original sequence of the control commands in the controller;  
wherein the ~~encrypted~~ binary code representing the sequence of control commands is encrypted and includes an individualization code which limits execution of the sequence of control commands to a specific controller.
6. (Currently amended) The method of claim ~~[[3]]~~ 5, wherein the encrypted binary code comprises a user code which restricts execution of the sequence of control commands to a particular user.

7. (Currently amended) The method of claim ~~[[3]]~~ 5, wherein the encrypted binary code comprises a comment for the sequence of control commands.
8. (Currently amended) The method of claim ~~[[3]]~~ 5, wherein the binary code is encrypted with a public key.
9. (Currently amended) ~~[[The]]~~ A method of claim 1, and further for programming a programmable industrial controller, comprising the steps of:  
automatically coding into a binary code an original sequence of control commands capable of being interpreted and executed by the controller;  
supplying the binary code to the controller;  
reconstructing the original sequence of the control commands in the controller,  
controlling a controlled device, ~~such as a machine tool,~~ with the reconstructed original sequence of the control commands~~[[,]]~~; and  
deleting from the controller the reconstructed original sequence of the control commands after operation of the controller.
10. (Currently amended) The use of a programming method of claim ~~[[1]]~~ 5 for obtaining a binary code.
11. (Canceled)
12. (Currently amended) The method of claim ~~[[11]]~~ 19, wherein at least a segment of the binary code representing the sequence of control commands is compressed.
13. (Currently amended) The method of claim ~~[[11]]~~ 19, wherein in the binary code representing the sequence of control commands is encrypted.

14. (Original) The method of claim 13, wherein the encrypted binary code includes a usage limitation that limits usage of the sequence of control commands.
15. (Original) The method of claim 13, wherein the encrypted binary code includes an individualization code which limits execution of the sequence of control commands to a specific controller.
16. (Original) The method of claim 13, wherein the encrypted binary code comprises a user code which restricts execution of the sequence of control commands to a particular user.
17. (Original) The method of claim 13, wherein the encrypted binary code comprises a comment for the sequence of control commands.
18. (Original) The method of claim 13, wherein the binary code is encrypted with a public key.
19. (Currently amended) ~~[[The]]~~ A method of claim 11 for operating a programmable industrial controller, [[and further]] comprising the [[step]] steps of:
  - reconstructing a sequence of control commands from a binary code stored in the controller, with the controller capable of interpreting and executing the control commands;
  - controlling with the reconstructed sequence of control commands a controlled device; and
  - deleting from the controller the reconstructed original sequence of the control commands after operation of the controller.

20. (Currently amended) A computer program, residing on a computer-readable medium, comprising instructions for causing a programmable industrial controller ~~[[,]] in particular a CNC controller[[,]]~~ to:
- reconstruct a sequence of control commands from a binary code stored in the controller, with the controller capable of interpreting and executing the control commands, ~~[[and]]~~
  - control with the reconstructed control commands a controlled device, such as a machine tool and
  - delete from the controller the reconstructed original sequence of the control commands after operation of the controller.
21. (Currently amended) A programmable industrial controller ~~[[, in particular CNC controller,]]~~ capable of interpreting and executing control commands, the controller comprising:
- means for reconstructing a sequence of control commands from a binary code stored in the controller~~[[, and]]~~;
  - means for controlling with the reconstructed sequence of control commands a controlled device, such as a machine tool; and
  - means for deleting from the controller the reconstructed original sequence of the control commands after operation of the controller.
22. (New) The method of claim 5, wherein at least a segment of the binary code representing the sequence of control commands is compressed.
23. (New) The method of claim 9, wherein at least a segment of the binary code representing the sequence of control commands is compressed.
24. (New) The method of claim 9, wherein the encrypted binary code comprises a user code which restricts execution of the sequence of control commands to a particular user.

25. (New) The method of claim 9, wherein the encrypted binary code comprises a comment for the sequence of control commands.
26. (New) The method of claim 9, wherein the binary code is encrypted with a public key.
27. (New) The method of claim 9, wherein the encrypted binary code includes a usage limitation that limits usage of the sequence of control commands.